

Message

From: Michael Ritorto [mritorto@rouxinc.com]
Sent: 9/12/2017 9:21:11 PM
To: Cirian, Mike [Cirian.Mike@epa.gov]
CC: Andrew Baris [abaris@rouxinc.com]; John.Stroiazza@glencore-ca.com; Steve Wright - CFAC [swright@cfaluminum.com]; Stoops, Thomas [TStoops@mt.gov]; Gunnar Emilsson [EmilssonGR@cdmsmith.com]; Laura Jensen [ljensen@rouxinc.com]; lidewitt@mt.gov; cowen@mt.gov
Subject: CFAC Phase I Site Characterization Report - Geochemical data

Mr. Cirian,

As discussed, Roux plans to remove the text and appendices related to the Piper Plots and Stiff Diagrams referenced in the general geochemistry sections of the Phase I Data Summary Report prior to finalization of the Report. Upon further review of the data, it was determined that calcium carbonate values were utilized rather than bicarbonate and carbonate values, resulting in the output of incorrect piper and stiff diagrams. Bicarbonate and carbonate (as alkalinity) was not analyzed until Round 4 of the groundwater sampling event, and therefore, piper and stiff diagrams utilizing the Round 4 data will be submitted and analyzed as part of the Groundwater and Surface Water Data Summary Report. Please note that creation of Piper Plots and Stiff Diagrams were not included in the RI/FS Work Plan Scope of Work. These analyses were requested in the first round of comments received from EPA/MDEQ, which was after the third round of groundwater and surface water sampling was already complete.

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